

## CLAIMS

1. A research-and-development technology transfer method comprising:

a step in which a processing section reads technical-  
5 seeds information corresponding to each research-theme  
identification information from a storage section having  
stored for each research-theme identification information,  
technical-seeds information which includes patent information  
or academic-society-presentation information, and expense  
10 information and income-estimate information both related to  
the research theme, and discloses the technical-seeds  
information through a communication network;

a step in which the processing section receives, from a  
company computer, contract-application information which  
15 includes company identification information, research-theme  
identification information, and application-type information  
indicating either an information-disclosure contract or a  
license agreement;

a step in which the processing section executes  
20 information-disclosure-contract processing, when the  
processing section determines that the received application-  
type information indicates an information-disclosure contract,  
where the processing section sets an information-disclosure  
charge LA, sends the information-disclosure charge LA and  
25 contract data stored in the storage section for each research-  
theme identification information, to the company computer,  
stores research-theme identification information and contract  
information correspondingly to the company identification  
information of a company which sends contract-terms-and-  
30 conditions consent data in the storage section, reads detailed

information-disclosure information stored correspondingly to the research-theme identification information from the storage section and discloses the detailed information-disclosure information to the company computer, and/or provides a

5 material such as a sample and a strain;

a step in which the processing section executes license agreement processing, when the processing section determines that the received application-type information indicates a license agreement, where the processing section sets a license  
10 fee LC, sends the license fee LC and contract data stored in the storage section for each research-theme identification information, to the company computer, stores research-theme identification information and contract information correspondingly to the company identification information of a  
15 company which sends contract-terms-and-conditions consent data in the storage section, and reports to the company computer that a license has been given;

a step in which the processing section performs distribution processing where the processing section obtains a  
20 dividend Dt to a research-and-development intermediary organization and a dividend Dr to a research organization on the basis of consideration income obtained by technology transfer, which includes the information-disclosure charge LA and/or the license fee LC, for the research-theme  
25 identification information; and

a step in which the processing section stores the dividend Dt to the research-and-development intermediary organization and the dividend Dr to the research organization in the storage section correspondingly to the research-theme  
30 identification information.

2. A research-and-development technology transfer method according to Claim 1,

wherein the application type further includes an optional contract, and

the method further comprising a step in which the processing section executes optional-contract processing, when the processing section determines that the received application-type information indicates an optional contract, where the processing section sets an optional charge LB, sends the optional charge LB and contract data stored in the storage section for each research-theme identification information, to the company computer, stores research-theme identification information and contract information correspondingly to the company identification information of a company which sends contract-terms-and-conditions consent data in the storage section, and reports to the company computer that an option right has been given.

3. A research-and-development technology transfer method according to Claim 1 or 2, wherein the technical-seeds information further comprises a profit index R, a profit-index rank, or a risk coefficient I.

4. A research-and-development technology transfer method according to one of Claims 1 to 3, wherein the step in which the processing section executes the information-disclosure-contract processing comprises:

a step in which the processing section sets the information-disclosure charge LA by reading an information-

disclosure-charge income estimate F corresponding to the research-theme identification information from the storage section and using the information-disclosure-charge income estimate F, or by reading the total research-and-development investment A from the storage section and using a predetermined equation;

a step in which the processing section reads contract data which includes contract terms and conditions corresponding to the research-theme identification information from the storage section, and presents the contract data together with the information-disclosure charge LA to the company computer through a communication network;

a step in which the processing section receives contract-consent data from the company computer;

a step in which the processing section stores the research-theme identification information, the information-disclosure charge LA, a contract period, and the contract-consent data in the storage section corresponding to the company identification information; and

a step in which the processing section reads the detailed information-disclosure information stored in the storage section correspondingly to the research-theme identification information, discloses the detailed information-disclosure information to the company computer, and/or provides a material, such as a sample or a strain.

5. A research-and-development technology transfer method according to Claim 4, wherein the step in which the processing section sets the information-disclosure charge LA is one of

a step in which the processing section calculates the

information-disclosure charge LA according to an information-disclosure-charge rate  $\alpha$  set in advance and the total research-and-development investment A corresponding to the research-theme identification information, read from the storage section, by using the following equation

$$LA = \alpha \times A;$$

a step in which the processing section calculates the information-disclosure charge LA according to an information-disclosure-charge rate  $\alpha'$  set in advance, the total research-and-development investment A corresponding to the research-theme identification information, read from the storage section, the market value D of the research result, and a success probability E by using the following equation

$$LA = \alpha' \times A \times D \times E; \text{ and}$$

a step in which the processing section calculates the information-disclosure charge LA by using the following equation according to an information-disclosure-charge rate  $\alpha''$  set in advance, the total research-and-development investment A corresponding to the research-theme identification information, read from the storage section, and a profit index R read from the storage section or calculated according the market value D of the research result, the success probability E, and a risk coefficient I by using the following equation

$$R = D \times E/I$$

$$LA = \alpha'' \times A \times R.$$

6. A research-and-development technology transfer method according to one of Claims 1 to 3, wherein the step in which the processing section executes the license agreement

processing comprises:

a step in which the processing section sets the license fee LC by reading a license fee income estimate H corresponding to the research-theme identification information from the storage section and using the license fee income estimate H, or by reading the royalty data from the storage section and using a predetermined equation;

a step in which the processing section reads contract data which includes contract terms and conditions corresponding to the research-theme identification information from the storage section, and presents the contract data together with the license fee LC to the company computer;

a step in which the processing section receives contract-consent data from the company computer;

a step in which the processing section stores the research-theme identification information, the license fee LC, a contract period, and the contract-consent data in the storage section corresponding to the company identification information; and

a step in which the processing section reports to the company computer that a license for the research-theme identification information has been given.

7. A research-and-development technology transfer method according to Claim 6, wherein, in the step in which the processing section sets the license fee LC,

the processing section calculates the license fee LC according to a business sales estimate C, a royalty estimate r, and a lump-sum-payment estimate Ls read from the storage section by using an equation of  $LC = C \times r + Ls$ .

8. A research-and-development technology transfer method according to Claims 2 or 3, wherein the step in which the processing section executes the optional-contract processing comprises:

a step in which the processing section sets the option charge LB by reading an optional-charge income estimate G corresponding to the research-theme identification information from the storage section and using the optional-charge income estimate G, or by using a predetermined equation with the use of the license fee income estimate H;

a step in which the processing section reads contract data which includes an optional-contract period and contract terms and conditions corresponding to the research-theme identification information from the storage section, and presents the contract data together with the option charge LB to the company computer;

a step in which the processing section receives contract-consent data from the company computer;

a step in which the processing section stores the research-theme identification information, the option charge LB, a contract period, an optional-contract period, and the contract-consent data in the storage section corresponding to the company identification information; and

a step in which the processing section reports to the company computer that an option right for the research-theme identification information has been given.

9. A research-and-development technology transfer method

according to Claim 8, wherein the step in which the processing

section sets the option charge LB is one of

a step in which the processing section calculates the option charge LB according to an optional-charge rate  $\beta$  set in advance and the license fee income estimate H by using the following equation

$$LB = \beta \times H;$$

a step in which the processing section calculates the option charge LB according to an optional-charge rate  $\beta'$  set in advance, the license fee income estimate H, and the market value D of the research result and a success probability E both read from the storage section by using the following equation

$$LB = \beta' \times H \times D \times E; \text{ and}$$

a step in which the processing section calculates the option charge LB by using the following equation according to an optional-charge rate  $\beta''$  set in advance, the license fee income estimate H, and a profit index R read from the storage section or a profit index R calculated according the market value D of the research result, the success probability E, and a risk coefficient I by using the following equation

$$R = D \times E / I$$

$$LB = \beta'' \times H \times R.$$

10. A research-and-development technology transfer method according to Claim 8 or 9, wherein

the processing section reads the license fee income estimate H from the storage section, or calculates the license fee income estimate H according to a business sales estimate C, a royalty estimate r, and a lump-sum-payment estimate Ls read from the storage section by using an equation of  $H = C \times r +$



Ls.

11. A research-and-development technology transfer method according to one of Claims 1 to 10, wherein the step in which  
5 the processing section performs the distribution processing comprises:

a step in which the processing section reads the information-disclosure income LA, the optional-contract charge LB, the license fee LC, and a distribution rate Y for the  
10 research-and-development intermediary organization, corresponding to detailed research-theme information from the storage section;

a step in which the processing section obtains the whole consideration L for research and development according to the  
15 information-disclosure income LA, the optional-contract charge LB, the license fee LC which are read, by the use of the following equation,

$$L = LA + LB + LC; \text{ and}$$

a step in which the processing section calculates a  
20 dividend Dt to the research-and-development intermediary organization and a dividend Dr to the research organization according to the obtained whole consideration L for research and development and the distribution rate Y for the research-and-development intermediary organization, read from the  
25 storage section, by the use of the following equation,

$$Dt = L \times Y$$

$$Dr = L \times (1 - Y).$$

12. A research-and-development technology transfer method  
30 according to one of Claims 1 to 11, further comprising:

a step in which the processing section receives company-related information required for registration, from the company computer;

5 a step in which the processing section assigns a password corresponding to company identification information after the processing section receives the company-related information, and sends these pieces of data to the company computer; and

10 a step in which the processing section stores the password and the company-related information in the storage section correspondingly to the company identification information.

13. A research-and-development technology transfer program which makes a computer execute each of steps wherein:

15 a step in which a processing section reads technical-seeds information corresponding to each research-theme identification information from a storage section having stored for each research-theme identification information, technical-seeds information which includes patent information  
20 or academic-society-presentation information, and expense information and income-estimate information both related to the research theme, and discloses the technical-seeds information through a communication network;

25 a step in which the processing section receives, from a company computer, contract-application information which includes company identification information, research-theme identification information, and application-type information indicating either an information-disclosure contract or a license agreement;

30 a step in which the processing section executes

information-disclosure-contract processing, when the processing section determines that the received application-type information indicates an information-disclosure contract, where the processing section sets an information-disclosure charge LA, sends the information-disclosure charge LA and contract data stored in the storage section for each research-theme identification information, to the company computer, stores research-theme identification information and contract information correspondingly to the company identification information of a company which sends contract-terms-and-conditions consent data in the storage section, reads detailed information-disclosure information stored correspondingly to the research-theme identification information from the storage section and discloses the detailed information-disclosure information to the company computer, and/or provides a material such as a sample and a strain;

a step in which the processing section executes license agreement processing, when the processing section determines that the received application-type information indicates a license agreement, where the processing section sets a license fee LC, sends the license fee LC and contract data stored in the storage section for each research-theme identification information, to the company computer, stores research-theme identification information and contract information correspondingly to the company identification information of a company which sends contract-terms-and-conditions consent data in the storage section, and reports to the company computer that a license has been given;

a step in which the processing section performs distribution processing where the processing section obtains a

dividend Dt to a research-and-development intermediary organization and a dividend Dr to a research organization on the basis of consideration income obtained by technology transfer, which includes the information-disclosure charge LA  
5 and/or the license fee LC, for the research-theme identification information; and

a step in which the processing section stores the dividend Dt to the research-and-development intermediary organization and the dividend Dr to the research organization  
10 in the storage section correspondingly to the research-theme identification information.

14. A computer-readable recording medium having a research-and-development technology transfer program stored thereon,  
15 where the program makes computer excute steps wherein:

a step in which a processing section reads technical-seeds information corresponding to each research-theme identification information from a storage section having stored for each research-theme identification information,  
20 technical-seeds information which includes patent information or academic-society-presentation information, and expense information and income-estimate information both related to the research theme, and discloses the technical-seeds information through a communication network;

25 a step in which the processing section receives, from a company computer, contract-application information which includes company identification information, research-theme identification information, and application-type information indicating either an information-disclosure contract or a  
30 license agreement;

a step in which the processing section executes information-disclosure-contract processing, when the processing section determines that the received application-type information indicates an information-disclosure contract, where the processing section sets an information-disclosure charge LA, sends the information-disclosure charge LA and contract data stored in the storage section for each research-theme identification information, to the company computer, stores research-theme identification information and contract information correspondingly to the company identification information of a company which sends contract-terms-and-conditions consent data in the storage section, reads detailed information-disclosure information stored correspondingly to the research-theme identification information from the storage section and discloses the detailed information-disclosure information to the company computer, and/or provides a material such as a sample and a strain;

a step in which the processing section executes license agreement processing, when the processing section determines that the received application-type information indicates a license agreement, where the processing section sets a license fee LC, sends the license fee LC and contract data stored in the storage section for each research-theme identification information, to the company computer, stores research-theme identification information and contract information correspondingly to the company identification information of a company which sends contract-terms-and-conditions consent data in the storage section, and reports to the company computer that a license has been given;

a step in which the processing section performs

distribution processing where the processing section obtains a dividend Dt to a research-and-development intermediary organization and a dividend Dr to a research organization on the basis of consideration income obtained by technology transfer, which includes the information-disclosure charge LA and/or the license fee LC, for the research-theme identification information; and

a step in which the processing section stores the dividend Dt to the research-and-development intermediary organization and the dividend Dr to the research organization in the storage section correspondingly to the research-theme identification information.